REMARKS

Applicant hereby submits that the enclosures fulfill the requirements under 37 C.F.R. §1.821-1.825. The amendments in the specification merely insert the paper copy of the Sequence Listing and sequence identifiers in the specification. No new matter has been added.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: April 1, 2002

J. Patrick Finn III, ~~Ph.D.~~
Reg. No. 44,109

Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402
Telephone: (612) 335-5070
Facsimile: (612) 288-9696

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"Version With Markings to Show Changes Made"

In the specification:

Paragraph beginning at page 38, line 22, has been amended as follows:

RT-PCR. RNA is isolated from virions with RNA STAT 50-LS or STAT-60 (Tel-Test, Inc., Friendswood, TX), and converted to cDNA with 2.5 μM random hexanucleotide primers and Superscript II (Life Technologies, Gaithersburg, MD) (Wilson et al., 1998). cDNA templates are amplified with primers corresponding to the PERV *pol/env* gene boundary (ACCTCGAGACTCGGTGGAAGGG; SEQ ID NO:14) and the untranslated region 3' of the PERV *env* gene (CTGGGTTCTGGGAGGGTTAGGTTG; SEQ ID NO:15), or amplified with PB906 (5' ACGTACTGGAGGAGGGTCACCTGA 3'; SEQ ID NO:16) and PB908 (['5] 5' GTCCCGAACCCTTATAACCTCTTG 3'; SEQ ID NO:17) or PERVenv1 (sense) (5' ACCTCGAGACTCGGTGGAG; SEQ ID NO:[11] 33) and PERVenv2 (anti-sense) (5' CTGGGTTCTGGGAGGGTTAGGTTG; SEQ ID NO:[12] 34) for 30 cycles at 94°C for 30 seconds, at 60°C for 30 seconds, and at 72°C for 1 minute. The amplified products are cloned into the PCRII T-A vector (Invitrogen Corp., San Diego, CA).